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UNITED STATES PATENT AND TRADEMARK OFFICE

In The Application of:

John F. O'Connor, Jr.

On: Improved Centrifugal Impeller

Serial No: 10/057622
~~40075014~~

Filed: October 25, 2001

Examiner
Tho V Duong

ART UNIT
3743

Torrington, Connecticut February 19, 2003

Box Amendment
Assistant Commissioner of Patents
Washington, D.C. 20231

RESPONSE TO OFFICE ACTION

ABSTRACT

Line 2 delete "blades" second occurrence.

CLAIM 1

Line 2 delete "and the like".

CLAIM 2

Delete claim 2 and substitute the following:

An improved centrifugal impeller as set forth in claim 1 wherein the ratio of the radial dimension W measured between the leading and trailing edges of the blades to the overall radius R of the impeller falls in the range 0.25 to 0.5.

CLAIM 4

Line 1 change "1" to "2".

CLAIM 10

Line 1 change "1" to "2". Line 2 after "dimension" insert "w".

CLAIM 11

An improved centrifugal impeller for use in low profile heat sinks having a multiplicity of small upright spaced apart heat dissipating elements in an array defining a multiplicity of small airflow passageways therebetween with a cavity located centrally therewithin, the impeller being adapted to be disposed adjacent to and about the array of heat dissipating elements and to be driven by an electric motor disposed in the central